

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

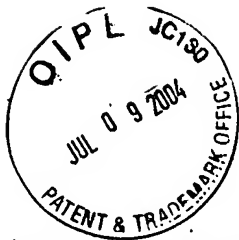
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



## DECLARATION

As a below named inventor, I declare that

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **THERMOPHOTOVOLTAIC POWER SUPPLY**, the specification of which was filed on December 3, 2003 and assigned serial number 10/728,108.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date


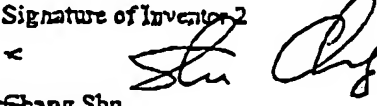
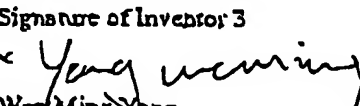

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Last Name: <b>Chau</b>	First Name: <b>Siew</b>	Middle Name or Initial: <b>Kiang</b>
Residence & Citizenship:	City: <b>Summerhill</b>	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Singapore</b>
Post Office Address:	Post Office Address: <b>50 Hume Avenue, #10-10</b>	City: <b>Summerhill</b>	State/Country: <b>Singapore</b>
			Postal Code: <b>596229</b>
Full Name of Inventor 2:	Last Name: <b>Shu</b>	First Name: <b>Chang</b>	Middle Name or Initial:
Residence & Citizenship:	City:	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Peoples Republic of China</b>
Post Office Address:	Post Office Address: <b>Block 238, Jurong East Street 23, #10-386</b>	City:	State/Country: <b>Singapore</b>
			Postal Code: <b>608738</b>

Full Name of Inventor 3:	Last Name: Yang	First Name: Wen	Middle Name or Initial: Ming
Residence & Citizenship:	City:	State/Foreign Country: Singapore	Country of Citizenship: Peoples Republic of China
Post Office Address:	Post Office Address: Bukit Panjang, Yellr Road Block 142, #03-296	City:	State/Country: Singapore Postal Code: 670142
Full Name of Inventor 4:	Last Name: Xue	First Name: Hong	Middle Name or Initial:
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizenship: Singapore
Post Office Address:	Post Office Address: 237 Terra Costa	City: Irvine	State/Country: U.S. Postal Code: 92603
Full Name of Inventor 5:	Last Name: Li	First Name: Zhi	Middle Name or Initial: Wang
Residence & Citizenship:	City:	State/Foreign Country: Singapore	Country of Citizenship: Singapore
Post Office Address:	Post Office Address: Blk 434 Choa Chu Kang Ave. 4, #10-547	City:	State/Country: Singapore Postal Code: 680434

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 x  Kiang Chou	Signature of Inventor 2 x  Chang Shu	Signature of Inventor 3 x  Wen Ming Yang
Date x 22/6/2004	Date x 24/6/2004	Date x 22/6/2004
Signature of Inventor 4 x Hong Xue	Signature of Inventor 5 x  Zhi Wang Li	
Date x	Date x 22/6/2004	

60226043 v1



Attorney Docket No., 040124-000260US

### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: THERMOPHOTOVOLTAIC POWER SUPPLY, the specification of which was filed on December 3, 2003 and assigned serial number 10/726,108.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information, as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

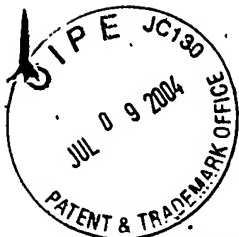
Full Name of Inventor 1:	Last Name: Chou	First Name: Siaw	Middle Name or Initial: Kiang
Residence & Citizenship:	City: Summerhill	State/Foreign Country: Singapore	Country of Citizenship: Singapore
Post Office Address:	Post Office Address: 50 Hume Avenue, #10-10	City: Summerhill	State/Country: Singapore
Full Name of Inventor 2:	Last Name: Shu	First Name: Chong	Middle Name or Initial:
Residence & Citizenship:	City:	State/Foreign Country: Singapore	Country of Citizenship: Peoples Republic of China
Post Office Address:	Post Office Address: Block 238, Jurong East Street 21, #10-386	City:	State/Country: Singapore
			Postal Code: 600238

Full Name of Inventor 1:	Last Name: Yang	First Name: Wen	Middle Name or Initial: Ming	
Residence & Citizenship:	City:	State/Foreign Country: Singapore	Country of Citizenship: Peoples Republic of China	
Post Office Address:	Post Office Address: Bukit Panjang, Petir Road Block 142, #03-296	City:	State/Country: Singapore	Postal Code: 670142
Full Name of Inventor 2:	Last Name: Xue	First Name: Hong	Middle Name or Initial:	
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizenship: Singapore	
Post Office Address:	Post Office Address: 237 Terra Cotta	City: Irvine	State/Country: U.S.	Postal Code: 92603
Full Name of Inventor 3:	Last Name: Li	First Name: Zhi	Middle Name or Initial: Wang	
Residence & Citizenship:	City:	State/Foreign Country: Singapore	Country of Citizenship: Singapore	
Post Office Address:	Post Office Address: Blk 634 Choa Chu Kang Ave. 4, #10-547	City:	State/Country: Singapore	Postal Code: 680434

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 X Siaw Kiang Chou	Signature of Inventor 2 X Chang Shu	Signature of Inventor 3 X Wen Ming Yang
Date X	Date X	Date X
Signature of Inventor 4 X Hong Xue	Signature of Inventor 5 X Zhi Wang Li	
Date X June 26, 2004	Date X	

60726067 v1



Approved for use through 10/31/2002. OMB 0651-0023  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</b>	Application Number	10/728,108
	Filing Date	December 3, 2003
	First Named Inventor	Slaw Kiang Chou
	Group Art Unit	1753
	Examiner Name	
	Attorney Docket Number	0401840-000200US

I hereby appoint:

☒ Practitioners at Customer Number **20350** Place Customer Number Bar Code Label here  
OR  
☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.  
OR  
☐ Firm or Individual Name

Address

Address

City State ZIP

Country

Telephone (303) 571-4000 Fax (303) 571-4321

I am the:

☐ Applicant/Inventor.  
☒ Assignee of record of the entire interest. See 37 CFR 2.71.  
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).

SIGNATURE of Applicant or Assignee of Record

Name	PHANG C H JACOB National University of Singapore	By: Print Name: Title: DIRECTOR
Signature		INDUSTRY & TECHNOLOGY
Date	16/6/04	RELATIONS OFFICE

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 2 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 50226076 v1

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Siew Kiang Chou et al.Application No./Patent No.: 10/728,108Filed/Issue Date: December 3, 2003Entitled: THERMOPHOTOVOLTAIC POWER SUPPLY

National University of Singapore

a University

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

16/6/04  
Date

PHANG C H. JACOB  
Typed or printed name

[Signature]  
Signature

DIRECTOR INDUSTRY & TECHNOLOGY  
RELATIONS OFFICE  
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.